

Lesson Classification: UNCLASSIFIED

Lesson ID: 42731-58820

Title: UNMANNED AERIAL VEHICLE (UAV) AS RADIO RELAY

Operation/Exercise Name: CAX 3/4-95

Observed: 27 Apr 1995

Originator: S-2

POC: 1STLT COGLIANESE Commercial: (910)451-1640 DSN: 4841640

5. (U) OBSERVATION:

The Pioneer Unmanned Aerial Vehicle (UAV) is a capable platform for radio relay

6. (U) DISCUSSION:

Due to the mountainous terrain at MCAGCC, communications between the MAGTF and its maneuver elements was challenging. A radio relay payload for the Pioneer has been tested but never purchased by the government. Such a payload would significantly reduce communications problems induced by terrain or range.

7. (U) LESSON LEARNED:

None.

8. (U) RECOMMENDED ACTION:

The requirement for this capability should be addressed and, if validated, identified by the Marine Corps.

9. (U) COMMENTS:

Aviation provides the following comments:

Pioneer is a legacy system, future development is not funded or planned. COMM/data relay payloads are the Marine Corps #1 payload priority. UAV will carry this payload as well as predator.
